

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

AYURVEDACHARYA-( B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL – 2016

PADARTHA VIGYANAM- PAPER - I

Date: 04-04-2016

Time :- 9:30 a.m. to 12:30 p.m.

Monday

Marks : 100

**Instructions : All the questions are compulsory.**

**SECTION - A**

- 1 Explain the philosophical individuality of Ayurved. 10
2. Answer any one question. 10
  - (1) “खादीन्यात्मा मनः कालो दिशश्च द्रव्यसंग्रहः ।” Explain.
  - (2) Which are the basic principles of Ayurveda ? Explain.
3. Answer any four questions. 20
  - (1) Explain the contribution of Vaisheshika Darshana in Ayurveda.
  - (2) Explain about the view of Shushruta regarding creation.
  - (3) How many types of Padartha according to Charaka Samhita ? Describe Abhava.
  - (4) Describe Ativahika Purusha.
  - (5) Write about Tamasa.
4. Answer any five questions. 10
  - (1) What is meaning of ‘सेन्द्रियं चेतनं द्रव्यं निरिन्द्रियमचेतनम् ।’ ?
  - (2) Define Nastika Darshana.
  - (3) What is Kaala ?
  - (4) Briefly explain the significance of Dik in Ayurveda.
  - (5) What are the Manasa Guna ?
  - (6) What is the meaning of Triguna ?

**SECTION – B**

5. समवाय)तु निश्चेष्टः कारणम् । Explain 10  
Nyaya:
6. Answer any one question. 10
  - (1) Is Karma described in Nyaya significant in Ayurveda ? Why ?
  - (2) Describe Samvaya as a Padartha.
7. Answer any four questions. 20
  - (1) Explain तुल्यार्थता हि सामान्यम् ।
  - (2) Explain the significancy of Abhava in the diagnosis of a disease.
  - (3) What is the difference between विशेषस्तु विपर्ययः and ह्रास हेतु विशेषः ?
  - (4) What are the clinical applications of Adhyatma Guna in Ayurveda ?
  - (5) Is there any practical significancy of Samanya with reference to Karma ? Why ?
8. Answer any five questions. 10
  - (1) Enumerate Guna according to Vaisheshika Darshana.
  - (2) Enumerate Karma according to Nyaya Darshana.
  - (3) What is the practical utility of Pradhvansha Bhava in Ayurveda ?
  - (4) What is Ashukari ?
  - (5) What is Yogvani ? hi
  - (6) What is the meaning of Avakshepana ?

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

AYURVEDACHARYA-( B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL – 2016

PADARTHA VIGYAN AND AYURVEDA ITIHAS - PAPER - II

Date: 05-04-2016

Time :- 9:30 a.m. to 12:30 p.m.

Tuesday

Marks : 100

**Instructions : All the questions are compulsory.**

**SECTION - A**

- 1 Describe the Karya-Kaarana Siddhanta by different opinions. 15
2. Answer any two questions. 20
  - (A) Write Lakshana and importance of Yukti Pramana.
  - (B) Write about Shabdavrutti and its types.
  - (C) Write the Lakshana and Significance of Takra.
3. Answer any six questions. 30
  - (A) Explain the Sadhetu.
  - (B) Define the Parikshavidhi in treatment.
  - (C) Explain the Sutra : आप्तः शिष्टाविवुद्धास्ते .....
  - (D) Write the Indriya Lakshana and its types.
  - (E) Write about Pratyaksha Anupalabधि.
  - (F) Briefly describe about the Upamana Pramana.
  - (G) Write about Shaktigraha.
4. Answer any five questions. 10
  - (A) Write the definition of Paksha.
  - (B) Define the Indriya Prapyakaritvam.
  - (C) Write the name of Antah Karana.
  - (D) Define the Alaukika Pratyaksha.
  - (E) Explain the Aakanksha.
  - (F) Write short notes on Paramarsha.

**SECTION – B**

5. Explain the utility of Ayurveda. 5
6. Answer any two questions. 10
  - (A) Write about the activities of WHO.
  - (B) Write your view on globalization of Ayurveda.
  - (C) Chronological development of Charaka Samhita and contribution of Gayadas.
7. Answer any five questions. 10
  - (A) Introduction of Jivaka.
  - (B) Contribution of Vijayarakshita.
  - (C) Write about Gana Natha Sen.
  - (D) Contribution of Govind Das.
  - (E) Introduction of TKDL.
  - (F) What is the full form of CCRAS ?

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

AYURVEDACHARYA-( B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL – 2016

SANSKRUTAM

Date: 06-04-2016  
Wednesday

Time :- 9:30 a.m. to 12:30 p.m.  
Marks : 100

**Instructions : All the questions are compulsory.**

**SECTION - A**

1. Write Shiva Sootra and explain in detail "Pratyahara Vidhi" with Sootras. 10
2. Answer any one question. 10
- (A) Do the process of Sandhi with specify the rules (Sootra) regarding:  
(A) गुरु + उदयः (B) सहसा + एव (C) व्याधि + आतुर (D) विष्णवे
- (B) Do the process of Sandhi with specify the rules (Sootra) regarding:  
(A) प्राक् + एव (B) प्रायः + मन्दम् (C) अन्तः + सुमार्जितम् (D) पिबेन्नरः
3. Answer any four questions. 20
- (1) Make Vachya Parivartana of the following sentences :  
(A) तत्र सः खगानां कलरवं श्रुणोति । (B) विद्या विनयं ददाति । (C) मया नाटकं दृश्यते ।  
(D) मयुरैः नृत्यते । (E) पुत्रः पितरं सेवते ।
- (2) Prepare one sentence from each of the following verbs :  
(A) हस (B) अपठम् (C) पश्यति (D) जेष्यति (E) अपचन्
- (3) Write a short note on : तत्पुरुष समास ।
- (4) अधोलिखित शब्दैः सह प्रत्ययं योजयत ।  
(A) नीति + मतुप (B) गोप + डीप (C) ज्येष्ठ + टाप् (D) शक्ति + अण् (E) निषाद् + इञ्
- (5) Write any four usage of the Panchami Vibhakti.
4. Answer any five questions. 10
- (1) Make the correction of sentence : परमात्मनः नमः ।
- (2) Make the correction of sentence : मीरा आकाशं पश्यति ।
- (3) Make the correction of sentence : शशिनः सहायति कौमुदी ।
- (4) Translate the sentence in to English : जननी जन्मभूमिश्च स्वर्गादपि गरीयसी ।
- (5) Translate the sentence in to English : मरणं प्रकृति शरीरिणां विकृतिर्जीवित मुच्यते बुधैः ।
- (6) Translate the sentence in to Sanskrit : Krishna is playing with ball.

**SECTION - B**

5. शास्त्रं गुरुमुखोद्गीर्णमादायोपास्य चासकृत् । यः कर्म कुरुते वैद्यः स वैद्योऽन्ये तु तस्कराः ॥  
Translate in to English and explain Sandhi, Samasa and Roop of the same. 10
6. Answer any one question. 10
- (1) हिताहितं सुखं दुःखमायुस्तस्य हिताहितम् । मानं च तंच यत्रोक्तमायुर्वेदः स उच्चते ॥ Explain.
- (2) अन्तरिक्षमुदकानां (पथ्यतमत्वे श्रेष्ठतम्) । Explain.
7. Answer any four questions. 20
- (1) Write a short note on : Vayu.
- (2) Write a short note on : Types of Bath.
- (3) Do the process of Sandhi : (A) यस्मात् + अर्थे (B) विद्याच्छास्त्र (C) पुनः + वैद्या
- (4) Write the name of Samasa : (A) द्विविध (B) निवर्तन्ति (C) प्रभाषणीयमध्यायम्
- (5) Identify the Roopa : (A) उवाच (B) तस्मात् (C) पुरुषस्य
8. Answer any five questions. 10
- (1) Write the moral of सिंहकारकामूर्खं ब्राह्मण कथा.
- (2) Write the name of five Tantras of पंचतन्त्र.
- (3) Write the main message of अपरिश्चितकारकम्.
- (4) Translate the verse :  
प्रतिदिवसं याति लयं वसन्तवाताहतेव शिशिरश्रीः । बुद्धिर्बुद्धिमतामति कुटुम्बभरचिन्तया सततम् ॥
- (5) Translate the verse :  
एकाकी गृहसंत्यक्त पाणिपात्रो दिगम्बरः । सोऽपि संवाहते लोके तृष्णाया पश्य कौतुकम् ॥
- (6) Translate the verse : सौहृदस्य वाञ्छन्ति जनकस्य हितस्य च । लोकाः प्रपालकस्यापि यथा पुत्रस्य बन्धनम् ॥

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

AYURVEDACHARYA-( B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL – 2016

MAULIK SIDDHANT AVUM ASHTANG HRIDAYA

Date: 07-04-2016  
Thursday

Time :- 9:30 a.m. to 12:30 p.m.  
Marks : 100

**Instructions : All the questions are compulsory.**

**SECTION - A**

1. Write in detail about Chikitsa Chatushpada. 10
2. Answer any two questions. 20
  - (A) Write the importance of Sutrasthana of Ashtanga Hridaya.
  - (B) Write in detail about Shishira Rutu Charya.
  - (C) Write the Samanya Upakramas for Vata and Kapa Vikara.
3. Answer any four questions. 20
  - (A) Short Note on: Lavana.
  - (B) Short Note on: Visuchika.
  - (C) पादेनापथ्यमभ्यस्तं पादपादेन वा त्यजेत् ।  
निषेवेत हितं तद्वदेकद्वित्र्यन्तरीकृतम् ॥ - Explain the verse.
  - (D) Short Note on: Langhana.
  - (E) Short Note on: Vyayama.
4. Answer any five questions. 10
  - (A) Write the properties of Madhu.
  - (B) Enlist the Dashavidha Papakarma.
  - (C) Enlist the Dharaniya Vega.
  - (D) Define Aama.
  - (E) Enlist the constituents Dravyas of Brihat Panchmoola.
  - (F) Define Yapya Roga.

**SECTION – B**

5. Write about Sneha Vicharana, Sneha Matra, Jiryamana Lakshana and Jirna Lakshana. 10
6. Answer any four questions. 20
  - (A) Write about Vamana Yogya - Ayogya.
  - (B) Short Note on: Dhumapana.
  - (C) Explain the Verse :  
तस्माच्चिकित्सार्द्ध इति प्रदिष्टः । कृत्स्ना चिकित्साऽपि च बस्तिकैः ॥
  - (D) Short Note on: Ashchyotana.
  - (E) Short Note on: Dagdha Bheda.
7. Answer any five questions. 10
  - (A) Write the benefits of Kavala.
  - (B) Define Nasya.
  - (C) Define Nadi Yantra.
  - (D) Define Yamaka.
  - (E) Write the classification of Tattvas.
  - (F) Define Arthashraya.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

AYURVEDACHARYA-( B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL – 2016

KRIYA SHARIR - PAPER - I

Date: 09-04-2016

Saturday

Time :- 9:30 a.m. to 12:30 p.m.

Marks : 100

**Instruction - All the questions are compulsory.**

**SECTION - A**

1. Describe Kriyakala in detail. 10
2. **Answer any one out of two questions.** 10
  - (1) Describe Deha Prakriti in detail.
  - (2) Describe Sharir Dosha in detail.
3. **Answer any four out of five questions.** 20
  - (1) Write about Ashta Aharavidhi Viseshayatana.
  - (2) अग्निरेव शरीरे पित्तान्तर्गतः कुपिताऽपितः ..... । - Explain it.
  - (3) Describe functions of Vata Dosha.
  - (4) Describe Avasthapaka (Madhur, Amla and Katu).
  - (5) Give classification of Purusha with its components.
4. **Answer any five out of six questions.** 10
  - (1) Explain mutual relationship between Triguna and Tridosha.
  - (2) Define Kriya Sharir.
  - (3) Write the factors responsible for Kapha Vriddhi.
  - (4) Name the types of Pitta.
  - (5) Write Mula of Annavaha Srotas.
  - (6) Write only the names of different types of Saatvik Prakriti (any four).

**SECTION - B**

5. Describe the digestion of fat. 10
6. **Answer any one out of two questions.** 10
  - (1) Explain homeostasis in detail.
  - (2) Explain functions of different parts of brain.
7. **Answer any four out of five questions.** 20
  - (1) Write the cell physiology.
  - (2) Explain physiology of PNS (Peripheral Nervous System).
  - (3) Write the functions of Stomach.
  - (4) Write about action potential.
  - (5) Write about mechanism of respiration.
8. **Answer any Five out of Six questions.** 10
  - (1) Define hypoxia.
  - (2) Write about the functions of neurons in brief.
  - (3) Write names and types of vitamins.
  - (4) Name the different types of secretions of pancreas.
  - (5) Write basic components of food in brief.
  - (6) Write the names of bile salts.

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FIRST PROFESSIONAL APRIL – 2016

KRIYA SHARIR - PAPER - II

Date: 11-04-2016  
Monday

Time :- 9:30 a.m. to 12:30 p.m.  
Marks : 100

**Instructions : All the questions are compulsory.**

**SECTION - A**

- 1 Explain Mala in detail. 10
2. Answer any one question. 10  
(A) Explain Oja in detail.  
(B) Describe Mana and process of Gyan Utpatti.
3. Answer any four questions. 20  
(A) Write properties, site and functions of Rakta Dhatu.  
(B) Describe the features of Twak Sarata (त्वक् सारता).  
(C) यथा पयसि सर्पिस्तु गूढश्चेक्षौ रसो यथा । Explain it.  
(D) Explain Stanya and Artava.  
(E) Describe Anjali Pramana.
4. Answer any five questions. (two to three sentences) 10  
(A) Name the Upadhatu of Rasa and Shukra.  
(B) Special functions of Mamsa and Meda Dhatu.  
(C) Panchabhautika constitution of Asthi Dhatu.  
(D) Synonyms of Shukra Dhatu.  
(E) Benefits of Nidra.  
(F) Name the types of Atma.

**SECTION – B**

5. Describe Oogenesis and Spermatogenesis. 10
6. Answer any one question. 10  
(A) Describe the blood group and its significance.  
(B) Explain neuromuscular transmission.
7. Answer any four questions. 20  
(A) What is blood clot ? Explain in brief.  
(B) Write the function of Plasma proteins.  
(C) Write the origin and development of platelets.  
(D) Explain the functions of Kidney.  
(E) Write about the hormonal regulation of menstrual cycle.
8. Answer any five questions. (two to three sentences) 10  
(A) Normal value of Hb.  
(B) Define menstrual cycle.  
(C) Full form of T<sub>3</sub> and T<sub>4</sub>.  
(D) Name the types of immunity.  
(E) Name only four components of Urine.  
(F) What is anemia ?

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

AYURVEDACHARYA-( B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL - 2016

RACHANA SHARIR - PAPER - I

Date: 12-04-2016

Tuesday

Time :- 9:30 a.m. to 12:30 p.m.

Marks : 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Define the word "Sandhi" and explain the number and types of Asthi Sandhi. 10  
2. Write the definition of Shaarira and explain the Shaarira Gyan Prayojana. 10

**OR**

Describe the definition and types of Ashaya.

3. Answer any **Four** of the following : 20  
A. Explain the Gyanendriya.  
B. Describe the Anga Pratyanga Utpatti.  
C. ध्रुवं चतुर्णां सान्निध्याद्गर्भः स्याद्विधिपूर्वकः । ऋतुक्षेत्राम्बुबीजानां सामग्र्यादङ्कुरो यथा ॥  
Explain the stanza in detail.  
D. Write about Rujakaras Marmas.  
E. Explain the Visuddha Chakra.  
4. Answer any **Five** of the following : 10  
A. Write about dowhridinee.  
B. What is Kandara ?  
C. Write the definition of Kosktha.  
D. Explain the Ruchaka Asthi.  
E. Explain the types of Peshi (Name only).  
F. Write about Mutravaha Srotas.

**SECTION-B**

5. Describe the classification of bones with figure according to modern science. 10  
6. Write the definition and branches of embryology. 10

**OR**

Explain the difference between Arteries and Veins.

7. Answer any **Four** of the following : 20  
A. Explain the temporo mandibular joint with their clinical anatomy.  
B. Describe the origin, insertion, nerve supply and action of pectoralis major muscle.  
C. Write about umbilical cord.  
D. Describe the difference between right and left ventricles of the heart.  
E. Explain the clavicle bone.  
8. Answer any **Five** of the following : 10  
A. Write about mesoderm.  
B. Enlist the tarsal bone.  
C. Write about S.A. node (Sinuatrial Node).  
D. What is gross anatomy ?  
E. What is Lymph ?  
F. Describe the anatomical term adduction and abduction.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

AYURVEDACHARYA-( B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL – 2016

RACHANA SHARIR - PAPER - II

Date: 13-04-2016  
Wednesday

Time :- 9:30 a.m. to 12:30 p.m.  
Marks : 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Write the name of the organs of respiratory system and explain the anatomy of the right lung with figure. 10
  2. Describe the peritoneum with its clinical aspects. 10
- OR**
- Describe the anatomy of urinary bladder with diagram.
3. Answer any **Four** of the following : 20
    - A. Describe the suprarenal glands.
    - B. Explain the anatomy of pharynx.
    - C. Describe the fallopian (uterine) tubes.
    - D. Explain the anatomy of rectum.
    - E. Write the anatomy of gallbladder.
  4. Answer any **Five** of the following : 10
    - A. What is peyer's patches ?
    - B. Write the location of thymus gland.
    - C. Write the border and surface of kidney (name only).
    - D. Explain the ejaculatory duct.
    - E. Write about anorectal ring.
    - F. Write about seminiferous tubules.

**SECTION-B**

5. Describe the anatomy of skin with figure. 10
  6. Explain the classification of the nervous system. 10
- OR**
- Describe the lumbar plexus.
7. Answer any **Four** of the following : 20
    - A. Explain the hypothalamus.
    - B. Describe the anatomy of the middle ear.
    - C. Write the cavities within the brain and spinal cord.
    - D. Explain the nervous tissue.
    - E. Describe the aqueous humour and vitreous humour.
  8. Answer any **Five** of the following : 10
    - A. Explain the radial nerve.
    - B. Write the muscles of the tongue (name only).
    - C. Write about nodes and cones.
    - D. What is brain stem ?
    - E. Write the surface marking of the spleen.
    - F. Explain the nasal septum.

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